

FIG. 2

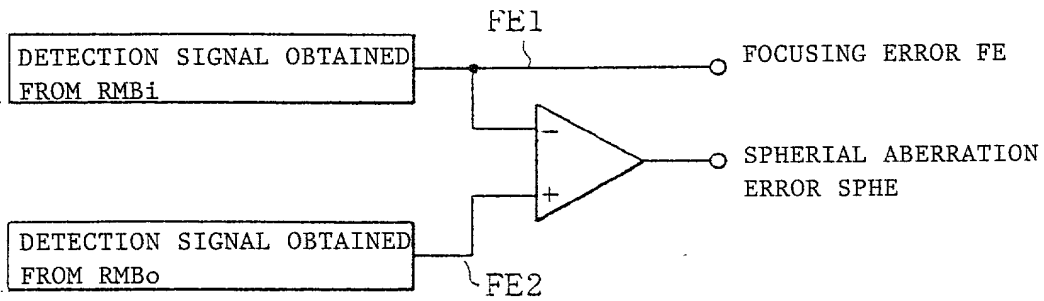
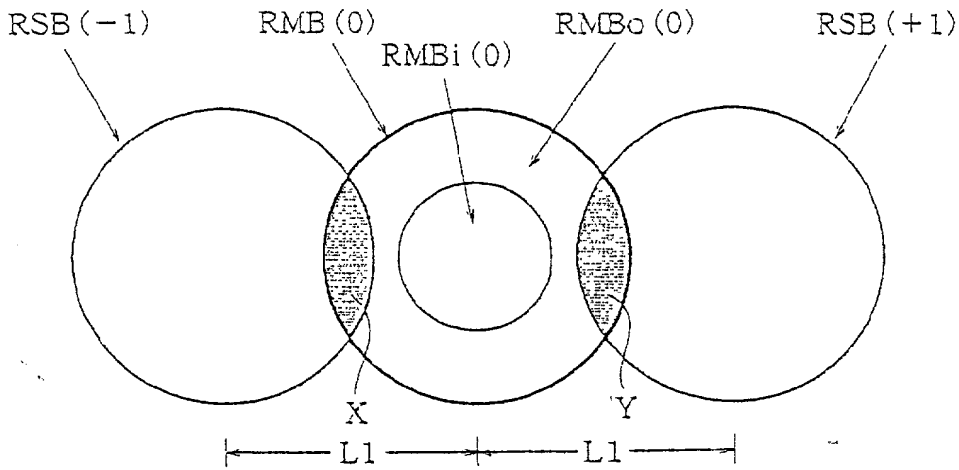


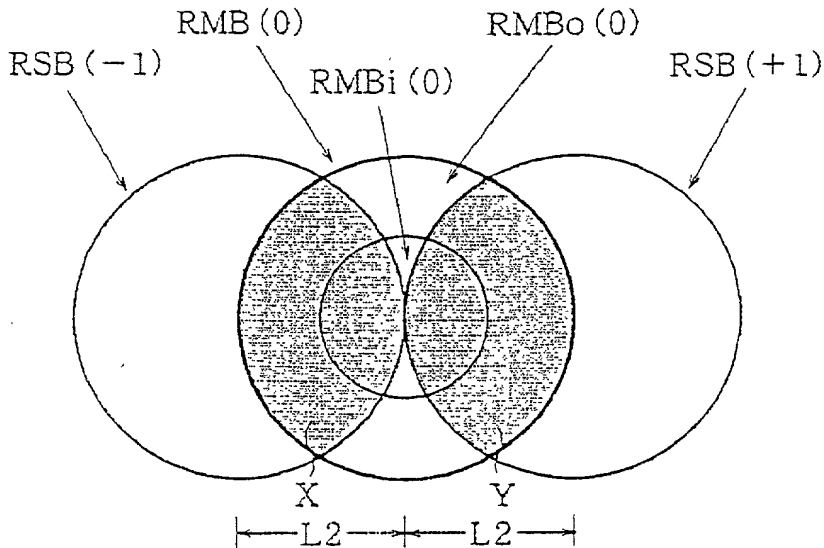
FIG. 3

09765306-01201

FIG. 4



POSITIONAL RELATION BETWEEN THE 0-TH ORDER LIGHT AND THE  $\pm 1$  PRIMARY DIFFRACTED LIGHT WHEN THE NUMERICAL APERTURE NA IS SMALL IN THE IN-FOCUS STATE OR WHEN THE TRACK PITCH TP IS SMALL IN THE IN-FOCUS STATE.  
 RMB(0):0-TH ORDER LIGHT, RMBi(0):INNER RADIUS LIGHT, RMBo(0):OUTER RADIUS LIGHT, RSB(-1):-1 PRIMARY DIFFRACTED LIGHT, RSB(+1):+1 PRIMARY DIFFRACTED LIGHT



POSITIONAL RELATION BETWEEN THE 0-TH ORDER LIGHT AND THE  $\pm 1$  PRIMARY DIFFRACTED LIGHT IN A CASE WHERE THE NUMERICAL APERTURE NA IS LARGE IN THE IN-FOCUS STATE OR IN A CASE WHERE THE TRACK PITCH TP IS LARGE IN THE IN-FOCUS STATE.

FIG. 5

FIG. 6



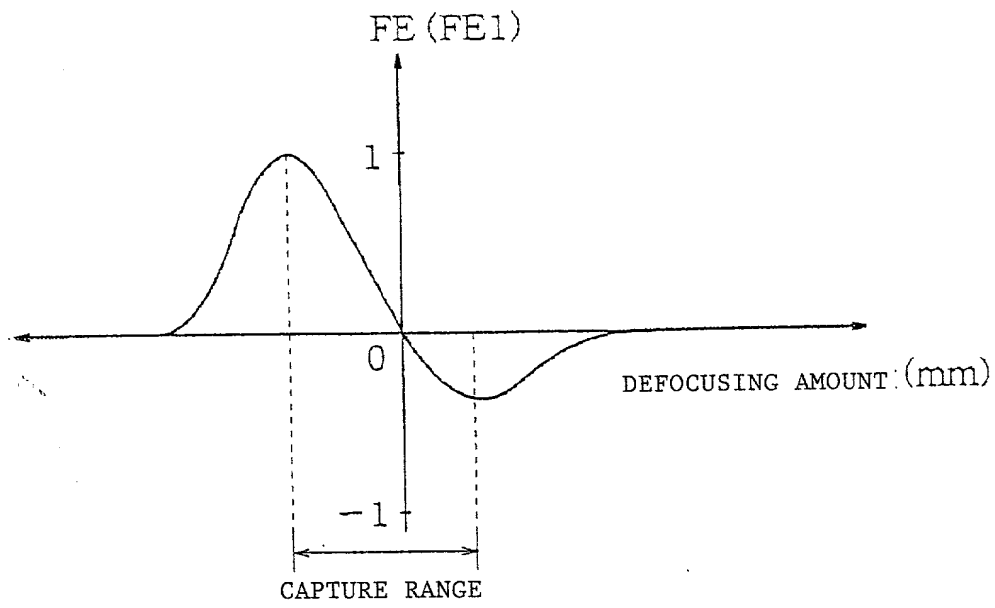


FIG. 8

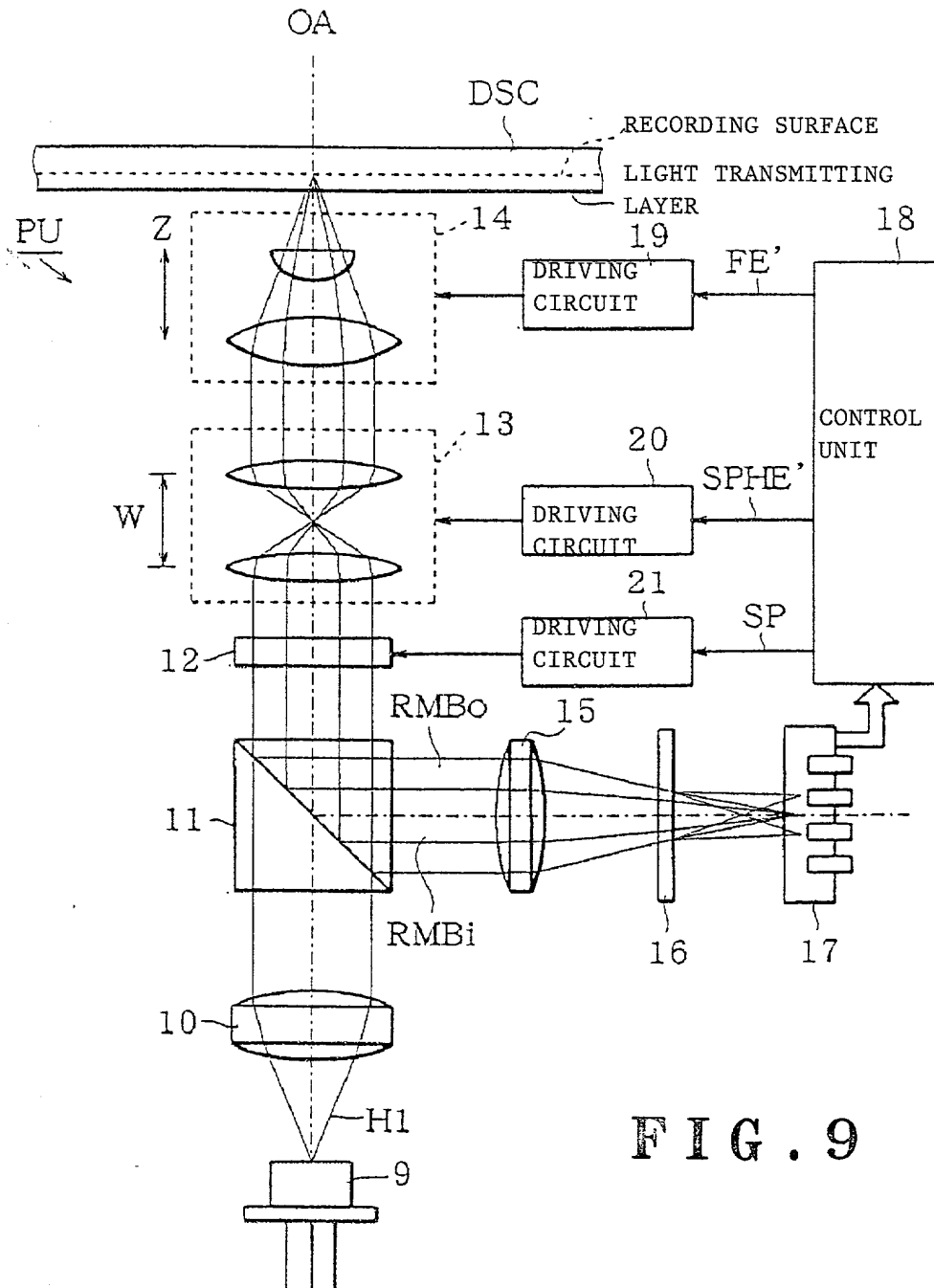


FIG. 9

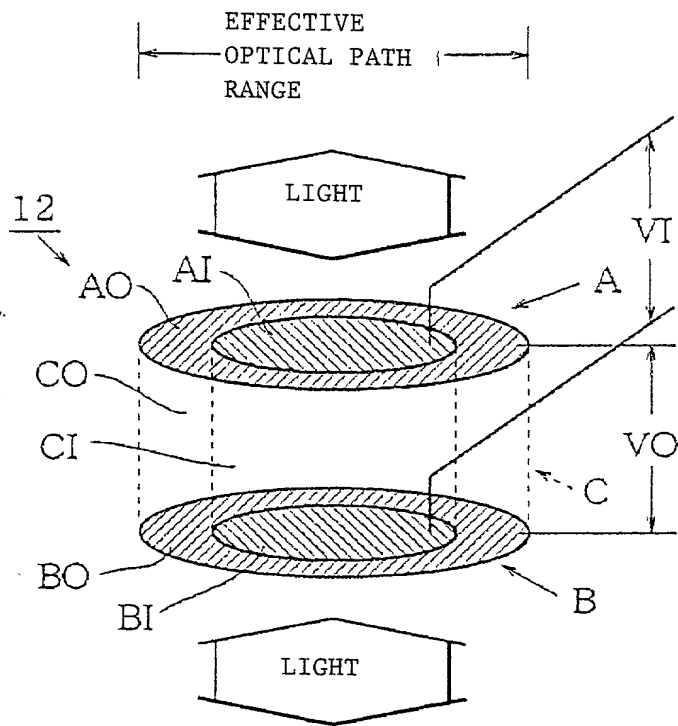


FIG. 10

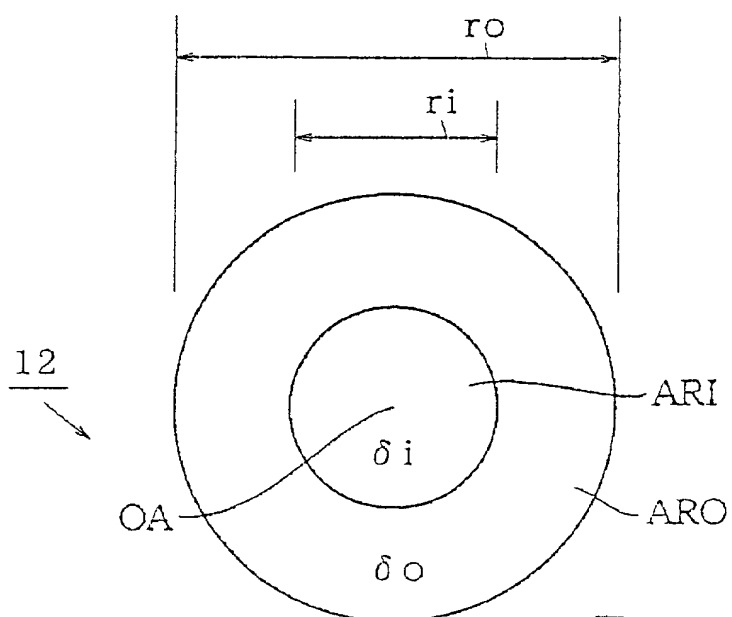


FIG. 11

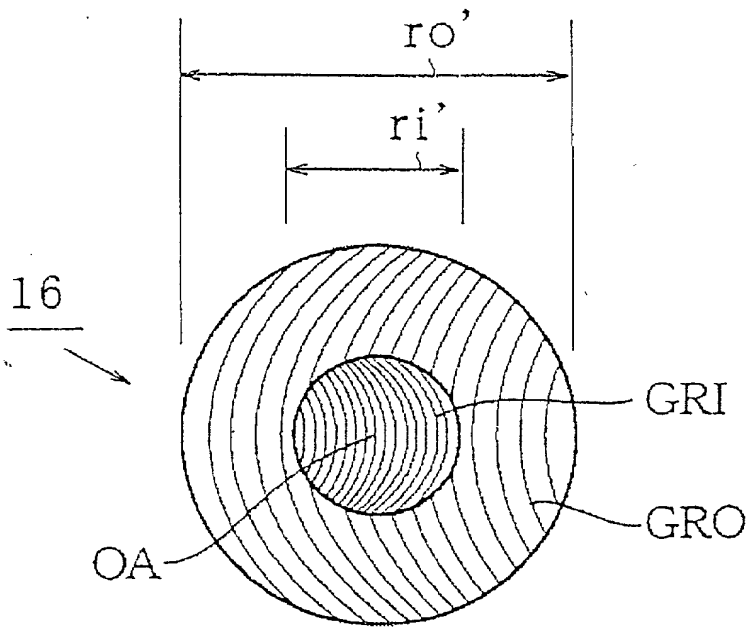


FIG. 12

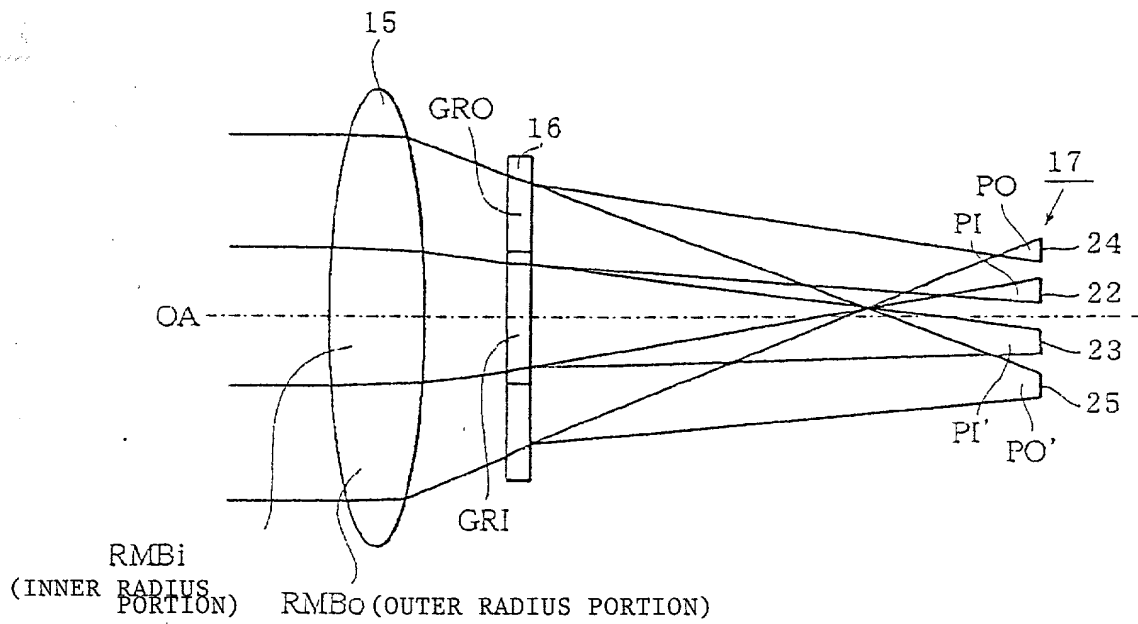


FIG. 13



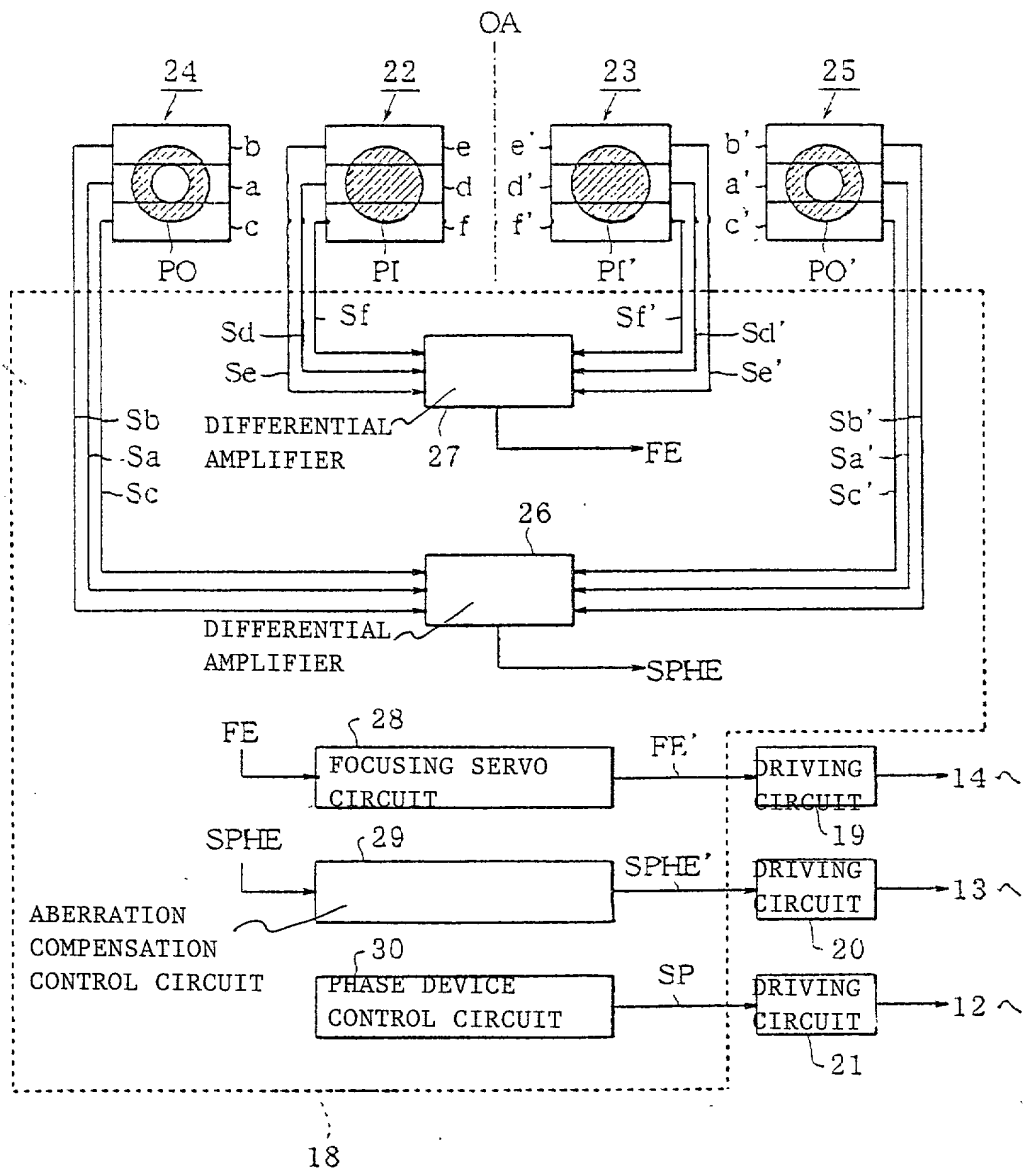
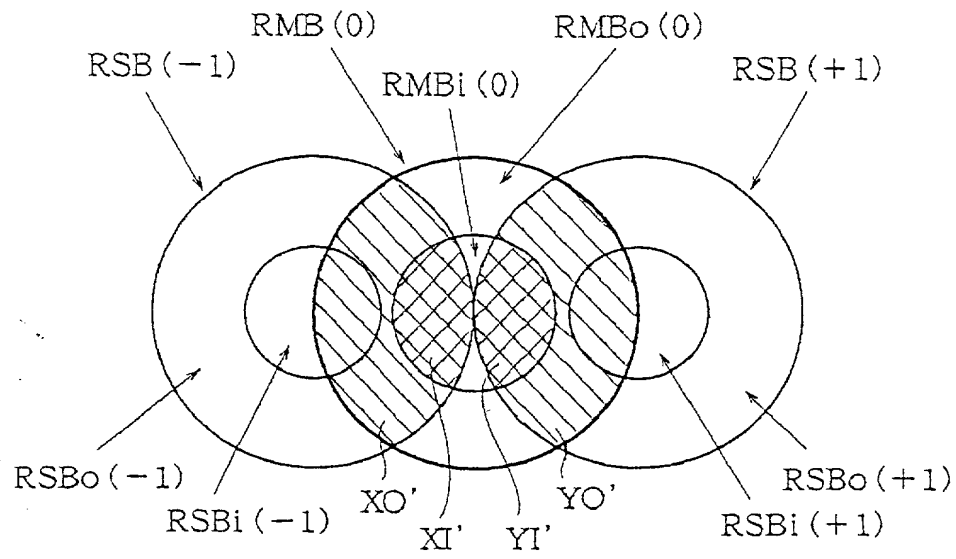


FIG. 14

**FIG. 15**

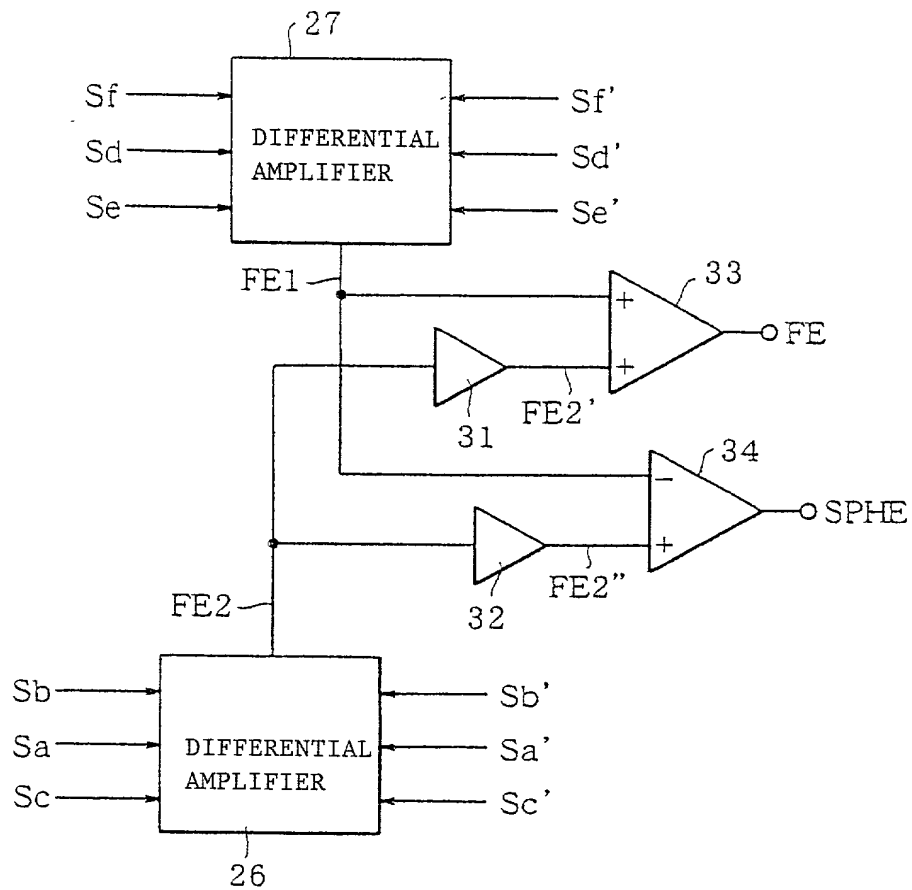


FIG. 16

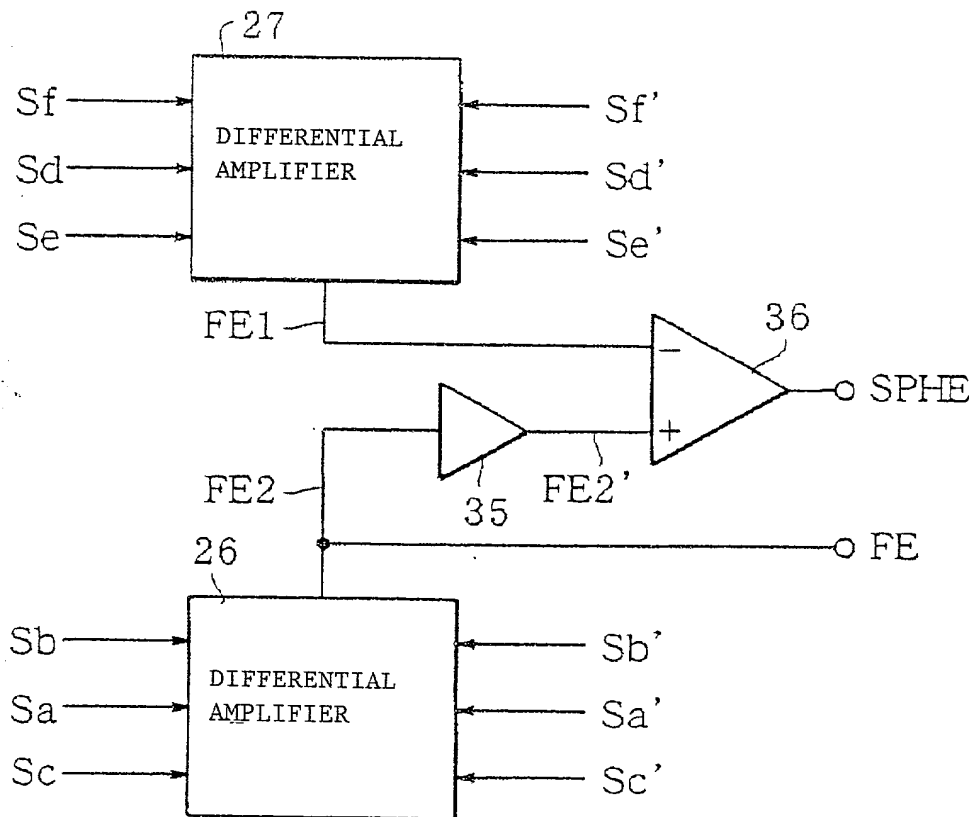
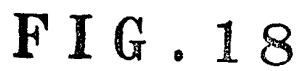


FIG. 17



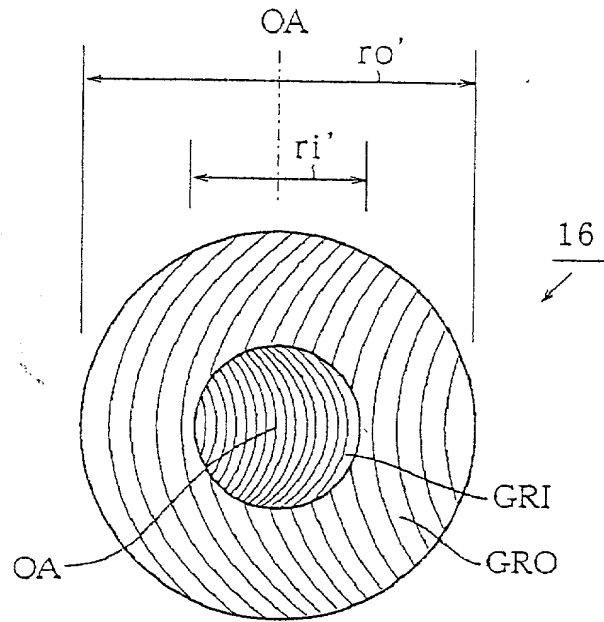


FIG. 19

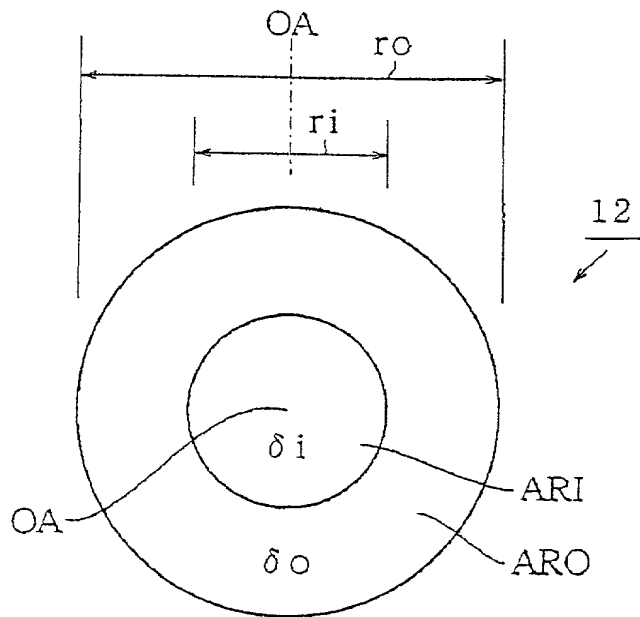


FIG. 20